

Vol 1. No 13.

Published Monthly

March 1941.

Editor W9YFL with W9QLW-W9DGA-W 9EHU

THE SOUTHERN INDIANA AMATEUR RADIO CLUB WILL HOLD ITS NEXT MEETING Wednesday, March 5, 1941. The place--Club Headquarters 1207 Henning, Ave. The time--8.00 PM. Everyone is urged to be present.

KNOW YOUR HAMS.

INTRODUCING MR. HAROLD E Mc.CLELLAN, R.8, EVANSVILLE, IND.

Mac. (as he is known by the hams) is one of the few old timers around these parts. We suppose most of the fellows know Mac, but we will start by a general description. Mac is 38 years old, is 5 ft. 11 inches tall, weighs 165 lbs. is married and has a 8 year old daughter. He works at Briggs in the paint dept. having been an auto painter most of his life. He attended school in Flint Mich. and lived there, he also lived in Detroit, where he spent quite a bit of active Ham work. Mac got his first ticket in 1919 in the days of the old spark transmitters. At that time there were only two licensed hams in Detroit but six stations were operating. Mac recalls that his first contact was with a bootlegger. He held the calls W8JCS and W8CAA, both of which he let lapse. In 1933 he took the exam again and has been rather active since then. DX those days consisted of working in Detroit or for exceptionally good DX, Cleveland was contacted about 200 air miles away. Operating on 200 meters he worked a commercial station on 600 meters which was across the river in Canada. Mac became interested in traffic handling and became net control station for the AARS state net besides that he was active in the lake net which operated on week ends. When Frank Murphy, a native of Detroit became Gov. General of the Phillipines, quite a bit of traffic flowed into Detroit from the Phillipines. Network became such a burden that he gave it up. W8ICM took over the net control then. Mac recalls some of the old gang that were operators then W8BCV, ICM, AV, IM and SS. A local club was formed which had 700 or 800 members. Quite a few of the hams were engineers and technicians and meetings were of great interest when these fellows held demonstrations. Meetings were held in a large hall furnished by a large warehouse firm. W8SS was President. There were around 1200 hams in Detroit at that time. Ships that were layed up in the lake harbors for the winter usually had a man aboard as a watchman during the winter. These fellows were usually ship operators. They would assign themselves a VE call and work the local gang. As these rigs were self rectified push pull affairs, their notes were usually a Tl.

OVER



Mac remembers one of the old timers W8IM, who was rather an independent chap. He wouldn't get a license because he thought this was a free country and he didn't see where a piece of paper made any difference. The FCC warned him to get a license or close down, he told them to come and try to close him down. They did. W8IM got his ticket and later on set up a monitoring station with a government permit. Mac used to visit W8IM and was quite impressed with his monitoring equipt. Mac says he had two rooms one which contained his ham layout the other monitoring equipt. He had a emergency power supply which automatically cut in if the other one failed. The freq. measuring equipment was so arranged that he could count the cycles per minute by a large meter or neon tube. When each cycle note sounded measurments were quarenteed to within one cycle. He had four receivers a Sargent on long wave, a National on WWV and another National and RME. W8IM operated on 40 CW only and thought phone operators were sissies. Mac likes 40 CW best his code speed was around 30 WPM. He held down the ARRS net here for W9LDV when Andy was unable to make the net practice. Mac has about 15 countries worked. He has never checked the number of states he has worked. He has a brother, formally W8JKO who is now a W7 in Seattle working 80 CW. He has never worked his brother yet. Mac has a great interest in sports also baseball, and football and managed one of the dept. clubs at Briggs in the inter-plant league. He plans to get on the air again soon, has plenty of ant. space, will probably put up 80 meter end fed zepp. He has torn down his old 160 meter rig which was housed in 4 ft. steel rack and is now rebuilding a 20 wat rig for 40 CW, 6L6--802. Mac is located in his basement has a work bench across entire room about 25 ft. long for his rig and operating space, beside space for his service work which he does on the side in spare time. Equipment consists of all Jackson units, a Jackson oscilliscope, million tube tester, a home built Silver receiver, straight key, Mac bug, and double button carbon mike.

This interview was made by W9QLW, who wants to thank Mac for giving him this very fine business dope.

#### LOCAL NEWS.

- W9ZKX Al is going to evening college and cudn't make club meetings but now that a new term is started he hopes to get back in the groove.
- W9YFL Earl bought some new stationery with his call letters on it. Pretty doggy looking too. Earl is now working at Castrup's in his spare time, now that Ralph is on the side of the law.
- W9PWS Ted has a rig on now. A 6A6-6A6-pr. 6L6 push pull on forty es push push on twenty es ten. With abt 40 watts. Plans to add a pr. of 808's and boost to 500 watts. By the way Ted just got his new call as he was W3IKZ/9. He got his ticket the same day the club recvd it's hunk of paper.
- W9BVS Shell put up a new antenna pole wid-the help of (?) EHU, QLW es Mrs BVS. Shell said he saw an I.L. license plate wid the Nrs. 812-811 on it. A coupla gud bottles there, Huh?
- W 9WQY calls Shell "Big Variable Skunk."



W9GFO Bob is out of the cast that has been on the broken leg and hopes to be able to get back to work soon. Bob says he needs La., Miss., RI., es Del. for WAS yet.

W9ERN John is going 75 and 20 fone. Is wrking on modul. now.

W9GHN Bill got his 30 WPM certificate and he copied by mill too.

W9DDH Marion is affiliated with the Ky. state net on Sunday morns. at 9 AM and wud be glad to take any messgs for any of the gang. Marion says he can't make the meetings but wants to join the club never the less. Yeah man we can take care of u my friend. Certainly hope it can be arranged so u can get to the meetings Marion.

W9GFS They tell me that Phil likes milk very much. I wouldn't know. Phil U got W9DDH to blame for this. Yeah I had a drink of Milk there too. Boy I'd Like to have the cow that puts out that kind of milk.

W9CCG Harry is letting W9PWS use his speech es mod., while the new QRA is being built. Harry says he is going forty CW.

W9CEG Dutch is QSY'ing to forty also. Why all the migration boys? aint ten no gud?

W9DGA Mac is stepping up the tempo on the bug. Boy U better move those weights up agn before U get hooked up wid a speed demon and get UR ears pinned back. Wat's that? U say I better practice wot I preach? Unhuh. Mac is going in for trffic handling he has received his ORS certificate, I believe he is the only one in town. Nice going OM.

W9EHU Benny joined the FTS. Ben only needs two more states for WAS.

W9AIS Bob sold his recvr., an all-star to an SWL.

W9GKA Our congrats to Tom and Mrs. Campbell (W9EWD) who are the proud parents of a baby girl. I'll take a LaFendrich Tom.

W9UMS Al may change QRA hope to see U around soon Al.

W9GZB Marty doesn't get much time to operate but sure gives twenty fone a work out when time allows. Marty loaned his 35th to W9BVS.

W9QLW Carty rebuilt his osc. circuit and is giving the RME a going over. Is thinking of going to eighty CW If forty stays as lousy as has been.

W9RZM Frank rebuilt buffer stage and will spend most of his time on forty meters ~~and key~~.

W9EHU Benny is sure s speed king with carty's bug.

W9QLW Carty's second romance is model airplane building one of his recent jobs was a "FANTOM FLASH R.O.Q."

W9DGA now wkrs 80 meters and heard K4DB the first nite but wrkd. K6P AH and K6SAR on twenty.

W9ERN runs away with the DX honors this month by working a flock of DX to numerous to mention, also NAA, WAR. Say any of you young squirts would like to see what a DX card looks like just stop at W9RZM's shack and take a peek.

W9DGA Mac still needs Delaware for that little thing called a WAS card---how abt getting me a sked carty ob?

### KEY CLICKS

Thanks to W9AB Ind. scm for the comments in his monthly bulletin the "Bison" abt. our club. By the way Harry we got abt. a hundred on our mailing list of QRZ. Hi.

OVER.



KEY CLICKS CONT'D.

The club finally got their station license. The call is W9PWY and will be located on Vann Ave. between Covert and Washington Ave. The call is licensed in W9QLW name as trustee for the club. There is plenty antenna space and room for a nice shack. Here hoping the gang can soon have a club shack with all the trimmings.

The Indiana sweepstaked contest is on the first ten days in March. Let's all get in on this contest fellows. Van Sickles of Indianapolis is sponsoring the shindig es there will be plenty of nice prizes I understand. All U have to do is wrk. as many Ind. stations as possible.

We had quite a few visitors at out last meeting. W9KVE, GZB, Bill Ballard and Ariel Schrodtt a SWL and his father. We certainly hope U boys get back and join the club and help us make a live wire club. The prizes for out club contest were awarded to the winners. This reporter missed his first meeting and by golly that was the nite the club had all their visitors. According to W9BVS the club will dispense with the initiation fee during a membership drive. So wat say yu's guys? Now's the time to join es save a dollar. That gives U fellows that have let UR membership lapse a chance to rejoin cheaper.

Thanks a million to W9DDH for his nice letter and news. Yesir, we are sure gld. to know U appreciate the QRZ Marion. Things like ~~xx~~ that makes us think that all this work on QRZ is worth something after all. Don't U fellows think U cud spare just five minutes of UR time a month? Scribble out some dope on a post card and mail to the QRZ or any club member.

Don't know how many brains W9DDH has but there seems to be some doubt as to whether he has any or not. Marion recvd. a card from an SWL. May we quote the said card?

Dear Operator.

I recd your signals a few days ago in the early morning hours around 106am ILL say you came in swell but I would be more than glad if you would state what the weather is and send a few words besides and say this is ev-nsville. I suppose it takes brains for that. send a card 73 to you I have been to vincent Ind and also to edwardsport Ind last summer. how was the floods in evansville/ (this is word for word the way this card was received, Hi)

Did U know that W9QLW keeps a record of each district alphabetically to see if he can wrk. stns. in each district with call letters starting with the 25 different letters in the alphabet.

W4BVK came back to W9DGA es W9QLW at the same time on forty meters the other nite. Neither Mac or Carty knew e ch other was even on. Result a nice three way QSO. By the way W4BVK is Pres. of the local radio club in Valdosta, Ga.



Have U seen the club's trophy? It will be at the club hqtrs from now on. The trophy is gold and has a feminine figure a top representing "Victory" Its thirteen inches high. The following is engraved on the trophy: " Amateur Radio Operating Contest. Montgomery Amateur Radio Club VS Southern Indiana Amateur Radio Club." On a gold band near the base are the initials SIARC 1940. We certainly thank the gang down in Ala. for their part financially Hi.

Thanks to W9AB fer his interest in our club.

Took a nice stroll thru the police radio station es QSO'ed W9KVE, UIA and chief McConnell. Now I know where lefty gets his soldering lugs. Mac tells me that the police radio gets quite a bit of trffc that cud be handled by the hams here in town. Otherwise some of the traffic they get really is not in there line but they handle just to do a favor. And then due to the present defense setup there is a possible chance that the local hams will be able to handle certain trffc for the police. Mac will possible be able to attend one of our meetings and give us more dope on this.

Some time this reporter wonders wat wud happen if an emergency wud arise. Several times this club has attempted to organize those oprs. interested in trffic handling es emergency work. Our club is tied up with the Red Cross and Western Union in case of an emergency but there is no doubt that the police would be in charge of any organized radio communication. It seems that it would be a gud policy to have some sort of planned set up where by all concerned could go into action knowing what to do before any emergency arose. We have a list of local hams who have emergency equipment and of all oprs. who could be available with their equipt. but we think there is a crying need for more ops who know how to handle messgs. This part of the state is vy poorly represented in the ARRL Trffic handling organizations. If there are any hams wishing to try for ops, ors, or ec appointments pse get in touch wid W9AB Ind. scm or this club. If UR wrkg 80 CW there is a state net U can get into also.

Ted W9PWS is skedding his brother W8MPW/L in Mass. Ted has four brothers and all are graduates of engineering colleges. As he is a reserve officer Ted may hear the bugle call any time, in fact he has already takin the physical exam. Want to sell UR rig? Hi.

Shell took a buggy ride to St. Looie and had a look at class A Says it was a cinch too. Oh Yeah. Shell ran into a fellow who turned out to be W9WQY a Lt. in the City police radio dept. and he invited our hero out for dinner and then took him for a four hour tour of the town. Boy, How U do It? U been reading Bale Carnegie's book on "How to win friends"? And did U know that Shell fell into a conversation recently with a salesman from Electro Voice and it ended up by him donating a mike to the club? Some Pres. we got. Yeah man. Shell met W9NOE, opo and FOR. Says W9WQY has a room full of KW. rigs. They tell me Mac W9DGA is going to deliver an informal talk at the next meeting on wave propagation. Fb Mac says he doesn't know much abt it but he will be in there pitchin. But don't let him kid U he does know sumpin too.

OVER.



W9YFL gave the exam. to Willard Rhiny an SWL. Earl says he has two or three others wanting to take the exam. too. Looks like the Ham population is growing.

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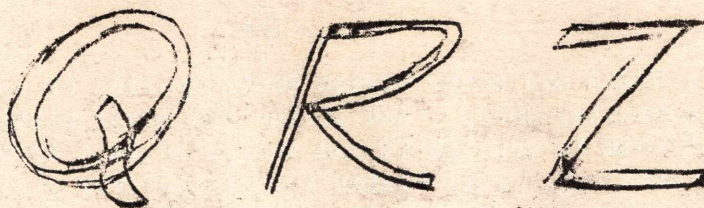
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IF ITS RADIO PARTS YOU NEED  
SEE US.

P ATRONIZE THE LOCAL CONCERNS WHO MAKE IT POSSIBLE FOR US  
TOPUBLISH THIS QRZ PAPER. IT IS THEIR HELP THAT MAKES THIS  
PAPER POSSIBLE.





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Vol 1. No. 15

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May 1941.

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Editor W9YFL with W9QLW-W9DGA-W9EHU

THE SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday May 14 th. 1941. The place--The National Youth Administration Building at 110 Wabash, one block south of Franklin St.

Fellows we urge you to be here as we have a lot of questions to solve.

Our speaker for this meeting will be Mr. John Kuck, Sound Engineer in the research division at Sunbeam Inc. Mr. Kuck will have General Radio equipment with him to use during his talk such as, Sound measuring equipment, Sound Analyzer sound level meter and sound frequency meter. We know that you fellows that heard Mr. Bob Hughes last week will have some idea of what is in store. Come on out and hear and see another good talk and demonstration.

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#### KNOW YOUR HAMS.

INTRODUCING MR. PHIL HATHFIELD, W9GFS of Evansville, Indiana.

The man of the week happens to be somewhat of an old timer here in Eville. Phil having received his call in 1931. When Phil received his ticket he says that there were only about seven or eight active Hams besides himself locally. Born in 1915 he received his first step of education at Wheeler Grade School. Next step was Central High School. Then he set out for good ole Evansville College where he graduated into the position of assistant in the Chemistry Dept. He pledged Philo there. (A Frat Brother). The first transmitter was a 245 tuned plate tuned grid with the 110 volt line feeding four chemical rectifiers, the jars with borax, to which he ran the power input of three watts. Oh boy. He put a larger supply on the 245 later and was able to do a little more than the local work he was able to do with the three watts. During the Chicago fair he handled very much traffic with aid of W9HKH via Louisville. At his old QRA he used to live with W9DJP two different transmitters at same location. During his life as a Ham he has had about all ARRL appointments some being OKS, OBS, RCC, ROWH and others DX worked by him included many countries on four continents. He worked a fella off the coast of Africa once but having no QSL from him he doesn't expect anyone to believe it H1. However he did work VOQH and received a card from him, this station being one of Morrissey's Arctic Explorations. Was using PR of 210's at that time (1933). After moving outside of town he has spent most of his time building portable equipment. Some of the transmitters being a single 6L6 xtl 6C5 pierce into a 6L6, a twin triode 6E6, one section as xtl osc. and the other as final amplifier. All of these are built up in separate units. He is working in the basement of his home building a new work bench so he can build more equipment. His portable equipment is powered by either a genemotor or a vibrator!



By the way W9GFS has never worked South America or Asia. Just imagine being able to work Australia, Europe, and Africa but never hitting into our southern neighbor. Most work is done on CW and though he is a crooked arm (lefty) he swings a right hand bug. Phil claims that if he ever visited a fella and wanted to use a bug, he wont have to expect the fella to run to his hearest dealer and get a left handed side swiper just for him. Has always used a monitor and believes it will improve anyones fist. Here's one guy the F.C.C. ruling on a monitor didn't hurt. Brother Hatfield puts his call letters on everything he can call his own. These include books tennis racket, magazines etc. Why even W9GFS and W9MOX are painted on the wall of the College Gym. Its not his though Hi.

Present transmitter is a 47 xtl, 10, 21ld with up to 300 watts input. Works on 80, 40, 20 CW. Used to operate some 160 fone. Receivers are a SW3 and a Sky Buddy. The Sky Buddy is used mostly as a BCL receiver though. Uses a 40 meter half wave zepp 40 feet high. Has a tape transmitter and hopes to cut some tapes soon so he can hold a QSO and sit back a talk to his visitors at the same time. Phil is single 6 feet 2½ inches tall has blond wavy hair. Others hobbies include flying, tennis, and keeping phonograph records. W9EHU and the rest of the club wants to thank Mr. Hatfield for his fine cooperation.

#### LOCAL NEWS.

- W9UMS Al has his eye on a new receiver. Syas he may buy an No 200 when he goes to Indianapolis soon. Tis rumored that Al has a 160 meter rig under construction also.
- W9ARR Haven't heard Doc on the air for some time. Must be on tho, caus W3IWF would like to have Doc's QSL for a previous QSO.
- W9PCY Bill, down in ole Kaintuck says he finally raked up \$2.50 and joined the ARRL. Hope to cu at our meetings agn Bill.
- W9ZZY Is a new licensed Ham in town. Mr. Sterling Roland. Be gld to have u at our meetings Roland. Come out and meet the gang.
- Finke Our Mr. Fink is building a TR receiver with the aid of Bill Elmendorf. Bill Elmendorf ought to be getting that ticket soon. Anyway he is building an ECO.
- W9YFL Earl has a new tube checker and to keep all the hams from borrowing it he goes and moves 14 miles from nowhere somewhere out on RR sumpin or other. Hey, where do u live anyhow? Betcha he's got plenty skywire space.
- W9RZL Frank received a QSL from K7HAR whome he worked back on ten meters back in Nov. Frank says it was appreciated too, cause he had no K7 verification before.
- W9DDH Sprig had W9MJW and an SWL from Mt. Vernon down for a visit tother Sunday, DDH is joining the AARS. Sprig is a salesman and gets to drop in on the fellows thruout the trystate. Boy he ought to be our club's goodwill ambassador, or roving reporter. Hi.
- W9UNI Its rumored that Johnny up in Tell City had tuff luck. His house burned. We certainly hope that that rumor is wrong.
- W4GOX Joe down in Ala. tells me he has a new NC 200 receiver ~~xxx~~ and has joined the AARS ans is getting a big kick out of both.
- W9QLW Carty worked WAR. Q1W bet EHU a coke he cud put up a 100 ft. ant. support for less than ten bucks.
- W9UIA They tell this reporter that Ralph has a nice code practice machine built. If so my friend you cud send it to the meetings and bring urself along with it. How abt it?

Continued.



3.

W9ALM Bill has coupla watts on 160 fone using the receiver pwr supply for the rig.  
W9JUV Heard Bill testing with W9ALM for BCL reports on 160. If fact they got one report. Wonder who the BCL was Bill?  
W9BVS Shell is having troubles. Looks like 30 smackeroo's for two new 100th's might clear up the matter. Shell is planning a new QTH.  
W9PWS Uncle Sam gave our friend Ted, the nod so the gang here loses a swell fellow and the club loses another member. Ted will be stationed in Va. for the time being. 73's Ted, will be seeing u agn.  
WOPWY The club station had its first work out last week. We now have four states to our credit Hi.  
W9AIS Bob dropped in last Sunday and picked up some more of his equipment left at Cartys. Bob is working for Dupont Powder Co. near Charlestown and is doing fb.  
W9DGA Has BCL troubles. Have heard he has xmittr under complete overhawling. Cheer up Mac. life's not so bad after all.  
W9EHU Ben tryed out the circuit in April QST of "Putting Dynamic Prognostication to work." and says it wont work----for him. Hi.  
W9GZB Morty says he will donate his "Woulf\*Hong" to the club trophy room. Any more contributions boys?  
W9GFO Bob got Del. and R.I. in one nite on forty. Two in the side pocket, eh Bob? Wilbur Vischer is using code records for upping the speed on copying. Try listening in on W1AW Wilbur they mabe good practice

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KEY CLICKS

DX heard-- K60TH-14275, K6PLZ-14390, K4GXV-7253, C95ZD-7230, KA7FS-14275.

Well fellows if we miss any news that you gave us or that we shud have you'll have to excuse plse. The QRZ staff this time Earl W9YFL and Carty W9QLW both have moved to new QTH's and are plenty busy getting straightend up and stuff and Mac W9DGA is working nites now.

We certainly want to thank Bob Hughes for his very nice demonstration last meeting on speech equipment and differend coupling methods. There were lot of nice comments after the meeting on this talk and we hope to have Bob back with us agn in the near future.

The club welcomes four new members to the club, Wilbur Vischer, Jack Gray, Monroe Stevens and Charles Wicher. Application for membership were made by Morty Silverman W9GZB, Willard Riney, and Ted Drake W9PWS. But Ted W9PWS was called by Uncle Sam as he is in the Officers Reserve, So 73's Ted and luck. Visitors at the meeting were John Kuck Engineer at Sunbeam, W9PCY Bill Vance and Bill Walker WOMI both from Owensboro. Welcome fellows and come back. There were 22 present at the last meeting.

W9Ums Al., handled an urgent message to the USS New Mexico for a local citizen and had the message aboard ship from Eville. in three hours after filing. Nice going Al. No Wonder Al is E.C. for So. Ind.

Bob, W9GFO worked a W5 in Texas other nite and after signing he looked the W5 up in the call book and found his name was the same as his own So Bob gave the W5 Bob another call and got him and they had another round or two. Hi.

over.

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Sprig W9DDH Dropped in on W9FJG Chief Operator of State Police Radio at Jasper. He was shown around the shack and the equipment. W9FJG is 28 yrs. old married, is from Vincennes and works 75 fone which hasn't been much lately because of twoo much work.

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IN USED RECEIVERS.

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# WESCO

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FOR THAT MEISSNER DELUXE SIGNAL SHIFTER SEE WESCO  
ALSO TRIPLET, MONITORS, HALLICRAFTERS SIGNAL STAND\*  
AND AND RECEIVERS, TAYLOR TUBES ALL HAM PARTS--COME  
IN AND SEE THE UTAH XETR KIT WE HAVE ON DISPLAY.

IF ITS RADIO PARTS YOU NEED SEE US.



# QIRZ

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June 1941.

Editor W9YFL With W9QLW-W9DGA-W9EHU

THE SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday June 11 th. 1941. The place--The National Youth Administration Building at 110 Wabash, one block south of Franklin St.

Gather around boys, the next meeting will feature our own Art Robertson on the subject, Photo Elec. Cells, the types and uses of each with equipment for demonstration, so youse guys what came to our last several meetings know that if this demonstration, is anywhere near as good, (and we know it will be,) as those of Mr. Kucks and Mr. Hughes, then you know what's in store fer you. Meeting begins at 8.00 P.M.

## KNOW YOUR HAMS.

INTRODUCING MR. BEN. ZIEG, W9EHU of EVANSVILLE, INDIANA

W9EHU owned and operated by Ben Zieg works only the forty meter band on forty meter cw. Talking over fone stations until he received his ticket or lack of funds is responsible for this boycott of fone bands.

It all started one night in the summer of 1936 when Ben came home, he turned on the old faithful Atwater Kent bel receiver and it just happened to have been slipped onto short wave. Tuning across the band he finally ran into a signal which, after about 10 or 15 minutes announced "W9YJH working duplex with W9KVE". After listening to these two fellas gab for several weeks at night, never missing a night, Ben learned someway where W9KVE lived, and a visit to Lefty's stimulated interest to a higher degree and soon he had visted W9YJH. Max as well as Lefty both were friendly and more visits followed. Even some Sundays he'd ride his bicycle to Max's and talk to some 160 meter dx at 4 am. Visits to other Hams followed mostly being with W9QOM, W9YOC, W9QLW, and many others in town. During this time he also acted as a gwl with the old faithful A.K., listening mostly on 20 meter fone and three continents were heard and about 10 countries verified. At this point W9YJH planned on buying a new receiver and offered to sell his for 20bucks. Ben snapped at the receiver and by the way he is still using that receiver. With this receiver 20 cw was listened to and all countries except 3 of Europe and all continents except Asia proper were heard. The closest countries to Asia were KA and PK in Java. All types of antennas from beams to Marconi were tried and in the end, qsl cards from 32 countries and 5 continents had answered swls signed by Ben.

OVER.



In June 1939 Ben graduated from Bosse High School and after a month of intense study, took the exam from W9YFL in July 3rd. Then on Sept. 15, came the great news, Ben Zieg was now W9EHU. After many delays, W9EHU settled on 40 meters cw and Washington D.C. was the first out of town contact. A 6L6 was added as a final and 40 watts input was ran. During the summer of 40, 2 1/2 meters was tried with little success, only W9UIA being contacted. About the first of 41 push pull 6L6g were used in the final with an ecc. Rig line up at present is a 24 A is a ecc, 2A5 buffer push pull 6L6G final running 75 watts. A 6K7 was added to the receiver as a preselctor and with the 65 ft. end fed Hertz the layout is complete? 46 states have been contacted, only Nevada and Utah being needed, and 5 countries counting the K's have been wrkd. The rig is on the air the most of the time and even when he should be studying, therefore, grades are down, especially French. W9QLW and the gang wants to thank Mr. Zieg for his fine cooperation.

#### LOCAL NEWS

W9ALM will be on the air more that school is out. Still runs 25 watts to 6L6 final.  
W9BBC still sending paper to Vic but don't think we will continue unless he writes us something about sumpin.  
W9BVS got class "A" congrats Shell. Lost chimney and one pole in a windstorm, but on 75 fone now.  
W9CKO heard Biggy on 40 t'other day.  
W9DGA still slavin at Sunbeam. like to see ya on agn Mac.  
W9ERN school's out Johnny, let's hear you on agn.  
W9EHU College over lookin for a job. Rebuilt exciter.  
W9Blf haven't heard Royce since he wuz on 80 sum time ago.  
W9ARR still out at WGBF tryin to keep the bcls happy.  
W9PFU haven't listened on ten but don't believe Ga. is on the air. How abt dropping in on us Wednesday nite?  
W9UIA no hear Ralph on anymore, mebbe the job at the station is kinda hard or sumpin. Ralph got his first class telephone ticket, all moved to country and just getting settled hopes be on 40 agn soon.  
W9YJH Charlie Young W9vdf/3 says he heard Max in Wash. D.C. with R9 sig. on 20 fone. Haven't heard him around here tho. Write us a line Max.  
W9GFS Phil makes records for speech class at college and takes orders from Pearlle while doin it.  
W9AIS Bob dropped into town couple weeks ago and got some of his speech equipment and took his headphones away from Carty. If the lug doesn't drop in on EHU next time, friendship ceases.  
W9GJN still in active. How abt givin 40 ya buzz agn.  
W9HGT on 5 and still would like to give 2 1/2 a try.  
W9GKA not on very much but puts out nice sig when warms up the filaments.  
W9JUJ a boy curb girl at the Towers of late. May put sig on now that school is out.



W9PFU haven't listened on ten but didn't believe Ga. is on air.  
W9JXA Heard from Gus agn. He got his Class "A". Congrats bub.  
Wonder if you got tfe from ~~an~~ EHU via K6THG/?  
W9GZB lost his "Q" in recent windstorm. Just yell when ya need  
help puttin it up Morty.  
W9RZM heard Frank on 40 tother day but he lost me.  
W9TTG Ernie moved to New Albany Ind. and took his first class  
radio telephone exam. Hope to cu back soon Ernie.  
W9KVE howe come Lefty got such gud looking xyl.  
W9IDR heard Gene wrkg. CCG cross band 80cw with Harvy on 160 fone  
with 5 watts.  
W9LDV Hey, Andy hows abt some news from u? llong time no hear.  
W9OMS guess Ed got lost no see or hear anymore. Anybody heard of  
ten meter Ed?  
W9KVE coincidents Lefty Covert's xyl first name being Jeanette.  
Lefty first gra after getting hitched was on the corner of  
Jeanette and Coverts Ave. How?  
W9QLW Carty has a Bruce Array on ten and has four states on ten  
now. Needs a new speech amp. tho.  
W9OMS wall well our congrats to Al who got married last month.  
Guess the club will never get any dues out of Al. now. By  
way Al how come the ten meter tests with Bell Tele. Co.  
Give out my friend.  
Bill Elmdorf drove out to the towers tother day where JUU wrks  
and gave a tq blast on the auto horn. Imagine his surprise  
when back came an ans. and signed W9OHT, resulting in a nice  
personal qso with Jimmie Moseby of Tell City.  
Charly Wicher is looking for a sky buddy. Anybdy accomodate our friend  
if so notify any ORZ staff member.  
W9DDH Sprig is having troubles getting his rig on forty. Sprigs  
says he may get an AC 110 volt gaso generator to run his  
Meissner sig shifter for field day. Here's hoping. U need  
any extra ops. Sprig?  
Jack Gray is building a 6L6 broadboard rig in case he gets his  
ticket soon. 20 watts on 80 cw.

# KEY CLICKS

DX heard -- HK3CA 7173, K6THG 7250, K6OUJ 7210, OM6TA 7200,  
KD4HHS 14260.

Our last meeting had 17 present. With three visitors,  
Stirman Rowland W9zzy, Jack Richardson, and Bob Edmond.

William Kock bought the latest Howard receiver model 490.  
Wonder if we got a new Ham in the making or an ardent swl?

We have general informati n or the resident Radio School at  
the U.S. Maritime Service Training Station at Gallups Island. And  
wehope to pass these bulletins out to those interested at this  
coming meeting.

The ARRL board of direct rs moved to request the FCC to adopt  
a new special class D amateur licens to be non renewable, issued for  
one year or less, requiring a 7 wppm code examination and simpler



technical standard the purpose of this new grade license to assist the government in obtaining defense personnel. The board voted to request the FCC to authorize phone emission for the freq. 28100 to 30000 kcs and to open 29250 to 30000 kcs to freq. mod. trans.

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# WESCO

1114 TH. AND MAIN STS.

FOR THAT MEISSNER DEWUXE SIGNAL SHIFTER  
SEE WESCO ALSO TRIplet, MONITORS, HALLICRAFTERS  
SIGNAL STANDARD AND RECEIVERS, TAYLOR  
TUBES ALL HAM PARTS--COME IN AND SEE THE UTAH X  
KIT WE HAVE ON DISPLAY.

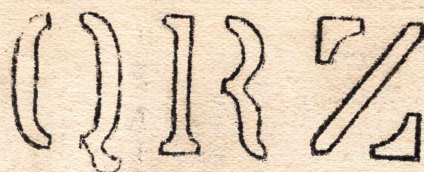
IF ITS RADIO PARTS YOU NEED SEE US.

# CASTRUP

1014 W. FRANKLIN ST.

FOR THAT NEW HOWARD RECEIVER FOR IN  
YOUR HAM SHACK OR IN YOUR HOME WEE  
CASTRUP'S--ALL HAM PARTS ON DISPLAY  
AT ALL TIMES--TAYLOR TUBES, METERS,  
AND BARGAINS IN USED RECEIVERS,  
PAY US A VISIT AND SEE OUR DISPLAY ANY TIME.





VOL 2. NO 7.

PUBLISHED MONTHLY

JULY 1941.

Editor W9YFL with W9QLW-W9EHU-W9LDR.

THE SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday July 9, 1941. The place--The National Youth Administration Building at 110 Wabash, one block south of Franklin St.

Fellows, on deck will be an outstanding citizen of our fair city. None other than Mr. Ellis Carson of Sunbeam Inc. Mr. Carson has quite a collection of movies taken during his many travels thru out the country, also a subject in which I'm sure we all will be interested, that of points and interesting data of various types of airplanes, commercial and military as, Mr. Carson is well known as a pilot of no mean ability, we know this meeting will be well worth your attendance.

#### APOLOGIES

Our apologies go to Mr. Kuck for not mentioning his fine talk at our May meeting. This, we assure you was not intentional as we had an article all written up and thru carelessness we omitted it. We are sorry and hope Mr. Kuck will forgive us.

#### KNOW YOUR HAMS.

INTRODUCING MR. GENE O'BRYAN, W9LDR OF EVANSVILLE, INDIANA.

Gene, W9LDR was born in 1929 is 5 ft. 9 inches tall, blond hair and is a Memorial student, and a Senior. Gene was first interested in radio when a Freshman by Harry Simpson (W9CCG). Then he used to watch Harry operate 160 fone. Gene kinda shyly says that Harry used to run him out of the shack several times a day but Gene would walk about half a block, turn around, and head back to bother Harry some more. After being bothered for several months, Gene was finally allowed to come into the shack of W9CCG and Harry explained the transmitter. Gene nodded yes, sure, etc., understanding everything, Oh Yea! His first thrill was when Harry once let him put in a volume control in a receiver. Then W9CCG using more patience than any other person could have, persuaded and practically forced this Irish lad to study for his Amateur license. After school every day and sometimes as late as 2 a.m. Gene would sit in W9CCG's repair shop and have Harry explain why a 30 tube had one grid and a 6F6 has two grids. The fighting instinct of the Irish lad Gene to keep his head turned forward, even to the extent of learning his cw. by listening to code on the bcl. receiver in the front room which had no beat oscillator.

OVER.



In Feb. 1940, Gene took his class "C" exam from W9QLW. The answer from the F.C.C. was received on May 7, in the little white envelop. Inside this was the slip of paper with W9LDR printed on it.

The first transmitter was the usual 6L6 oscillator on 40 cw. (he hoped). He received a card from an swl. in Denver giving him 589x on 20 meters. Then he tore down the 6L6 osc and built a new rig a 6L6 osc, (some change, eh what?). He did manage to get this rig on 40 meters. At a later date Gene built a 6L6, 6L6, TZ40 with 50 watts. He uses a National receiver and a 65 ft. end fed zepp on 40 meters. He has worked about 32 states and K4. He uses a vibroplex bug and sends about 25 wpm. and slows anyone he is talking to down to about 15 wpm. so he can copy them solid (pun). He is working at Earl's W9CEG'S Radio Shop. Thanks Gene for the cooperation and I still hope I'm your friend. Only a pal would say some things like I have in this interview. I hope all coop. as well, and thanks a neg. By W9EHU-Ben.

Our last meeting featured Art Robertson, the club secy-treas. and a discussion and demonstration of various photo elec cells.

We certainly enjoyed the demonstration and Art. looks like you will be drafted again for a future meeting, my fran, with all your equipment, experience and savvy! No?

Our last meeting had 17 present. 13 members and 4 visitors. Visitors were Mr. Schrodtt, teacher at Bossee Hl. School, Russel Price W9GWL, Johnny Kuck, and Bob Edmunton. Johnny Kuck applied for membership in the club. Welcome to the ranks Johnny.

#### LOCAL NEWS.

W9TFK Havent seen Johnny around for sometime. Pay us another visit Johnny. Put a circle around July 9 on the calender.

W9ELU Ditto W9TFK.

Art Robinson Sure knows his stuffin photo cells as well as radio in the flesh. Art has his code up to 10 wpm. and is going to take his exam. soon. Gud luck Art.

W9RZM Havent seen Frank at a meeting yet. Come on Frank lets see your face on the 9th.

W9JXA So far as we know, Gus is still recuperating from his accident in the Navy. We sure hope to hear Gus on operating as a K6 or W9JXA/K6. Best of luck and drop us another line Gus.

W9GZB Morty still off due to antenna trouble. Get'er up Morty, even though twenty is lousy.

W9GFS Phil teaching themistry at college.

W9YJH Hope to see Max at the Grand Chain Fest. You might send a post card with your home address and some dope on the layout Max.

W9YFL Mourning over fact that he can't work into town on 40 from his new home, almost ran over Jack Gray the other day. Jack a red light means stop, H1.

W9WNM Once Mac promised to come to a meeting. Next meeting is as good as any to pay us that visit Mac. Be see'n u ob.

W9TTG Ernie moved to New Albany and is still with the Tele Co.

W9OMS Ed is half in the notion of rebuilding so he can talk to some relation in California.

W9LDV Haven't heard from Andy. Gess has still at Valparaiso.

W9LDR Joined the N.Y.A. Radio School under W9QLW.



W9KVE Hrd Lefty on 75. Mebbe he's gonna get more active and also  
W9JUU ~~and~~ come to a meeting agn. We hope.  
W9JUU Got a mike transformer from W9EHU t'other day. Whatcha building Bill?  
W9HGU Still messin on five with W9U1A9we think.)  
W9GJN Spends time copying the baseball game by innings for Paul clark.  
W9GKA Carty sez Tom should get a receiver. Why? Tom has been taking over the duties of Pres. of the club very efficiently since W9BVS has to work nights.  
W9GFO Bob is building a 66 ft beer can vertical ant.  
W9BDH Met W9JUU for first time the other day. Saw plates on back of Bills car with call on back and after talking, back and forth with their horns, pulled over and had a good chat.  
W9BLE Believe Royce is wrkg some place in Indianapolis.  
W4FCF W9EHU has sent Mac a couple messages but received no ans. Also would like some more checkers-What say Mac?  
W9ERN John is buying an SX 23. Mebbe u want to sell your Howard 436? No.  
W9EHU Wrkd Nevada and got the qsl. too by golly. Ben just needs Nevada now for WAS.  
W9MWM Willard is Running around 20 watts with a 6L6G Tritet into a 40 meter doublet skywire. Willard got three states his first day on the air.  
W9UMS Al is building a 160, 75 meter rig. Say Al you know anything abt. broken TZ 40's? Can they be repaired? H1.  
W9ALM No hear, no see, no nothing. Hey Bill how abt. dropping us a line with some news or W9--- says u cud return that 7154 kc. xtl. H1.  
W9AXV Neal had ideas abt putting up a zepp, but has been getting such gud results and fb. reports on his vertical skywire that he's staying put. Neal is raising the standby 160 meter rig from ten to twenty watts.  
W9BBC Tis said Vic is going cw. Or is he just practicing up for class B exam? We wouldnt know and besides Vic you wouldnt get to first base if you did sue us. H1.  
W9BVS Shell is now an expert on ant. coupling devices and circuits. No fooling Shell has been doing plenty xperimenting with antenna feeder couplings and has solved his 85 meter fone problem using a 40 ntr. zepp.  
W9CC G Harry is going 2½ meter.  
W9CEG Earl is going 2½. They say Earl took a bath in middle of the Wabash River tother day. But Earl forgot to remove his garments. Know anything abt. that Harry. Guess Harry and Earl are gonna install 2½ xmitters on the boat W9CEG owns.  
W9CXO Heard Piggy on ten lately It seems th t piggy is making some nice contacts on that band. Hey Piggy that external bias didn'T work on those 6L6's mod.  
W9DGA Well, well, no wonder weve not seen Mac lately tis rumored the little love bug has bitten Mac and he is now engaged. Congrats and remember the Alno, or something.

OVER.



- W9Uia Ralph says he is gonna sue the QRZ becuz we said he had  
 go gotten his first class tele ticket, lately. Nuts Ralph  
 says, ive had it for six months. But what we meant fellers  
 was that Ralph recently got his 2nd class telegraph ticket.  
 Now, there. We offer our most sincere regrets and begs to  
 repologize and we take back every thing we said about you.  
 (even the good things). and besides you just wanted some  
 free publicity, (we think).
- W4GRA W9QLW had a darn nice qso wid W4GRA down in Ala. Rudy is  
 a member of the Montgomery Radio Club with which we held  
 our contest last fall. You boys laying for that cup up  
 here? Tnx to Rudy for news abt Joe.
- W4GOX Joe is planning to buy another NC 200 Boy you must be doing  
 alright. I cudnt even buy one. Joe sold his 250 watt rig  
 and is rebuilding a 500 watt rig. Best luck Joe and lets  
 hear from u.
- W9QLW is slowly going nuts on his new job as Radio Instructor at the  
 N.Y.A. but says he loves it just the same. Carty welcomes  
 any visitors to the shop for a look see at the rig the club  
 will be using in the near future--we hope.
- W9VJU Bill Ballard renewed his license and is working 80 cw with  
 100 watts.

# CAST IRON

1014 W. Franklin St.

For that Meissner deluxe signal shifter  
 see ~~Wxxxx~~ Paul also for that New Howard  
 receiver for in your ham shack or in  
 your home--all ham parts on display at all  
 times--Taylor tubes, meters and bargains galor.

# WISCO

9 th. and Main Sts.

For that Utah kit see Earl also meters  
 receivers monitors, Hallicrafters  
 signal standard and receiver, Taylor  
 tubesb all ham parts.

IF ITS RADIO PARTS YOU NEED  
 SEE US.



# QIRZ

VOL. 2 No 8.

PUBLISHED MONTHLY

AUGUST 1941.

26

EDITOR W9YFL with W9QLW-W9EHU-W9DGA.

The SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday Aug. 6, 1941. The place--The National Youth Administration Building at 110 Wabash, one block south of Franklin St.

We hope all the gang will be present at this meeting as we will have a 1,000 ft. reel of a movie procured from The Hallicrafters of Chicago showing the manufacturing process of their communication equipment.

We are indebted to our good friend Johnny Kuck again for filling in very nicely last meeting when Mr. Carson of Sunbeam Electric Co. ~~presented~~ was prevented from giving his talk on Aviation, due to business calling him out of town.

Johnny gave a demonstration of various uses of an oscilloscope. His display showed the different wave forms on a power supply, giving forms on the 110 a.c., the a.c. out of the transformer, the rectified a.c. and then the form after the filter, also he showed the wave form on various parts of a code practice oscillator and several other things. Thanks a lot Johnny and we will sure be looking for you again soon.

Our last meeting had 15 present. Twelve members and three visitors. W9UNT Earl Aldridge applied for membership in the club.

## KNOW YOUR HAMS.

INTRODUCING MR. CLIFFORD MCGUYER, W9DGA of EVANSVILLE, IND.

Mac's license was issued to him on Aug. 22, 1939, the exam having been labored over on the last night that fireworks was allowed in Indiana, July 4, 1939. Therefore our hero missed the fun.

First interest in radio started when his family got a new receiver with short wave and Mac wanted to see what it was all about, then he started going down to W9RZM's every Sunday and watched Frank work ten phone. Before he even thought about getting a ticket, Mac joined the A.R.R.L. and is still a strong backer of this organization as every ham should be. Then came the task of learning the code. He rented an instructograph for two months and was at 15 wpm when he took the exam from W9UIA. Mac says that the theory and code are too easy for what you get out of radio in the end. Mac joined the S.I.A.R.C. about a month after receiving his ticket.

OVER.



The first rig was a 6L6--TZ40 with 30 watts on 20 and 40 cw. After about 2 weeks on 20, one nite 11MQ was wrkd (no confirmation from the wop through). Mac claims to have wrkd 13 countries and 47 states on 10, 20, and 40. He built up a 6SK7 eco. that was on 160 and doubled to other freqs. Present transmitter 6L6G tritet 807, TZ40 running 120 watts on cw. modulator is 6SF5, 6B4G, PPTZ 20's in class B. Receiver is Howard 435 A, with Howard 650 presclector. Antenna is an end fed Hertz 132 ft long. He is an ORS., RCC., AARS., and has 20 wpm code proficiency certificate. Mac is 6 ft tall wighs 160, blond straiht hair. He is engaged to be married in the late fall if he isn't drafted by Uncle Sam. Benny wants to thank Mac for this nice dope.

### LOCAL NEWS

W9ALI Bill just returned from vacation up in Michigan.  
 W9AXV Neal rebuilt his preewec 160 rig.  
 W9BBC Vic was in town this last month. Says he hasn't been vy active but has been concentrating on his class B exam in St. Louis Aug. 9th.  
 W9BVS Shell visited carty and fell asleep.  
 W9CCG Back on 160 fone ho bout missing band practice and getting to a meeting Harry, and brig ur dues.  
 W9CXO Piggy took class "A" we hear.  
 W9DGA Mac has new 435 A Howard recvr. Mac took class "A".  
 W9DDH Havent heard or seen sprig lately. Watcha doing for the gud of Ham on Sprig?  
 W9ERN Got new SX 25 receiver. John wrkd NYIAC and learned that NyIAC is native of Evansville and attended Bosse Hi. Hear that's the fun of Ham opr. eh. John?  
 W9EHU Somebody ask Ben where the plate on a 6SJ7 is? and then duck. Ben is on 160 fone now with a 6L6 final after burning out two 50's.  
 W9GFO Bob has a nice eco 6c5-6V6-6L6 around 15 watts. Bob has been practicing up on code with aid of code machine.  
 W9GKA when do we have an ossiffers meeting Pres? and how about some news? Tom is rumored building new QTH.  
 W9GJN Bill has been busy copying morse at Western Union and says hts fergotten international already.  
 W9HGJ Tis rumored Jerry bought out W9ILD equipment.  
 W9KVE Lefty has been under the wx lately we trust u have recuperated Lefty.  
 W9LDR Got a new 40 ft mast from W9CCG.  
 W9QLW Carty and Mac took class "A" and look what they did to us Mac. now there aint no class "A".  
 W9UIA Ralph is busy with 2½ meters again, or yet  
 W9UMS Hey Al are you getting ur E.C. appointment renewed for the new year?  
 W9YFL Earl rebuilt his 160 fone rig Added new state and wudn't work so he put it back like it was and it wrks fine.  
 W9GZB Marty says he knows where u can get a HRO receiver for arnd 70 bucks.  
 W9GFS Installing new audio system for Eville. College. Bob Edmudton bought a new Howard 490. Charlie wicher is looking for a Sky Buddy yet. Hey Charlie W9ZHX Al Gerth of Mt. Vernon has a Sky Buddy for sale. See him at Sunbeam or contact Carty. Van The Radio man got his ticket Wats ur cal Van?



W9VJU Bill wuz in Pau's last week buying some feeder spreaders  
for a 40 mtr zepp. goin on 40 cw. gud luck fella.  
W9MWM Willard is a new rookie on cop force . If ya get in a jam,  
just hope Willard is the bull to call on you and you can at  
least enjoy ur ride to the hoosegow.  
W9DLU One of the big men at the controls of WEOA now  
N Art Robinson just returned from a short vacation in Ohio.  
W9RZM Havent seen Frank for long time and wonder if the heat got im?  
W9JXA Havent heard from Gus and dont know if hes out of the  
hospital as yet but sure hope so and hope to get a letter sn.  
W9HLU was down for visit from Cannelton with W9EN and W9ALM.  
W9NJO and  
W9NJQ received a card from Bill and Scotty Chase Jefferson Brracks,  
Mo. asking for QRZ. Glad to hear from u boys. and hope u  
enjoy the news. drop us a line occassially.

Wonder what the gang thinks of the new proposed regs such as  
40 meter fone, no class a, loss of 100 kc in 80 meter band, band c  
class having same priveleges as class A. larger fone band on ten.

Temporary residence F.C.C. proviosion amended. On June 10th  
F.C.C. amended its rules for amateur stations and op rators changing  
Sec. 12.93 (b) which relates to procedure necessary for operating  
fixed station equipment at a temporary residence. A temporary  
change is now permitted (by 12.93b as amended) ONLY for periods of at  
least 15 days and not to exceed 4 months provided that advance notice  
is sent both to F.C.C. Washington, and the district inspector, and  
provided further additional notice is sent to both before engaging  
in operation at the original, former, or a new location, and also  
provided calling procedure as for portable work is followed.

# WISCO

9 th. and Main Sts.

For that Meissner signal shifter, Utah kit, receivers,  
monitors, Hallcrafters signal standard and Taylor tubes  
see Earl at Wesco Radio Parts.

# CASTRUP

1014 W. Franklin St.

For That new Howard receiver for in your ham shack or in  
your home, all ham parts, used radios or good repair  
service see Paul at Castrup's Radio Service.





City  
2004 5th Ave  
City McQuay





# QIRZ

VOL. 2 NO 9.

PUBLISHED MONTHLY

SEPTEMBER 1941.

EDITOR W9YFL with W9QLW-W9LHU-W9DGA.

The SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday Sept. 3, 1941. The place--The National Youth Administration Building at 110 Wabash, one block south of Franklin st.

At our next meeting we are fortunate in having Mr. Roy Mc Connell (W9HBS) who is in charge of Police Radio, with us. Mac is bringing a portable 1 watt pack xmitter which is used by the local police radio dept. Demonstration and uses of this small xmitter will be shown and talked about. Mac. promisses to have considerable dope on possible police-amateur radio set up for emergency work and possible future problems arising out of the National Defense Program. We urge all hams to attend. We also have information concerning the clubs yearly operating contest which will start Oct. 1 st.

## KNOW YOUR HAMS.

INTRODUCING MR. NEAL BOLLINGER, W9AXV of EVANSVILLE? IND.

I got started in radio about six years ago. I always followed my brother in everything he would do. My brother W9YFL took up Y.M.C.A. work so I did, he then took up weight lifting and I also lifted weights for about 3 years, he then got on the wrestling team so I also took up wrestling. The next thing we were both in amateur radio. I took a course from the National Radio Inst. which I liked very much. I then took a course, and am still studying, with the American Television Inst. of Chicago, Ills. These courses were studied at night and took about 4 years of night study. After my brother got his license (W9YFL) I saw his station and liked it very much so I naturally started studying to get me a license and station. The first station was as usual, the old stand by a 6L6 osc. which did fairly good on 80 meters, next a T 20 was added giving me abt 60 watts which proved very good. Since then a pair of T20's have been added raising the power to about 100 watts or better. This is the station we now have working on 40 meters. Also a small 160 meter phone rig has been built up which works very good for the small amount of power it has. It uses a 6V6 osc. and 6V6 final, modulated with a 6V6 using a double button carbon microphone. About a year or so ago I got started into television which is much more interesting than radio. Mr. Campbell W9GKA and myself have been building a television modulator and monitor which is now done with exception of a few bugs which we have just about got rid of and expect to have the outfit going shortly. This outfit scans about 120 lines per second using 30 frames. Its range is about 16 miles. I thought radio had an awful lot of circuits but television, what with horizontal sweep, vertical sweep, horizontal blanking, vertical blanking, sync. signals, the iconscope and its resistance coupled amplifier and about 18 controls and switches makes television quite a problem. Well I guess that is about all so SK.

Thanks Neal for the fine dope and we will all look forward to a demonstration of your television outfit.



LOCAL NEWS.

W9BVS--moved to new location and dropped xtal mike and is not on air at present. leaving on vacation soon.

W9CLO--Bob is back in town for short visit.

W9DGA--tore rig down to fix it for airwound coils.

W9CCG--Harry's been messin with 160 fone. Not much success because of low power but will get straightened out soon.

W9CXO--heard Piggy on 40 cw. the other noon.

W9ERN--John built a small xmitter using 6V6 ECO. modulated by a flock of audio for his brother to use at Notre Dame for College B.C. stn.

W9EHU--put up new twisted feed antenna and having very good luck so far. wrkd. k4HWO for an hour and half the other nite and got 58/99x.

W9BLF--Royce was back in town tother day. Heard him talking over W9GFO on 160.

W9GFO--Havnt heard Bob since but guess he is still on 160 fone.

W9GKA--heard Tom calling W6 on 40, mebbe the bugs got im. Hope so.

W9GJN--copying 35 to 40 wpm. of Morse for W.U. Howard went bad and Bill sent it back. Hope s to get back on 40 in the winter.

W9HGJ--Jerry was heard on 5 fone in MtCarmel Ill. when the band was dead.

W9JUJ--\*Believe Bill is in Fla. But not sure.

W9KVL--Lefty is back at the Job after his serious illness. Good luck my fran.

W9LDR--Hear Gene is on a vaction. At least we havent heard him.

W9QLS--al is planning on 40 meter fone. Won't he be surprised to fine that the regs don't go into effect now until Dec 20? Hi.

W9QLW--has N.Y.A. Club rig on 160, 80, and 40 now. Got a 45 foot tower on top of a 40 ft. bldg. Gonna put a 5, 10, and 20 meter rotary on it. Oh Boy. watta set up with a 250 watt xmitter.

W9YFL--tore down his 8 watt 160 phone outfit to build in receiver metal cabinet ha, as usual it has bugs.

W9GFS--Phils on vacation from college since summer school is out. Will probably be on 80 and 40 cw. on Sat. and Sun. evenings.

W9GZB--at last Morty came to another meeting. Heard him on 20 phone bringing together an amateur and his brother in California. There was quite bit of talk about some Cooks--wonder which.

W9RZM--W9DGA and W9EHU visited Frank on Mond. last and built a 6SA7 elec. coup. osc. on 80 for Frank. also Frank promised to think about coming to one of our meeting in the near future. Think seriously my fran.

W9MWM--Willard is spending part of his time on 10 phone using W9UMS's small portable xmttr. Guess maybe he is forsaking 40.

W9JXA--havent heard from Gus since about May. Hope he is out of the hospital and getten around on the bad leg. Drop the club a line Gus.

W9DLU--and W9TEK attended the last meeting of the club and when all the boys want over to see the club xmttr. Jimmy and johnny were lost in the rush. Sorry fellows and mebe you can have better luck next time.

W9VJU--Billy after buying a flock of parts to get on 40 cw. hasn't been heard as yet. Haven troubles Bill?

Art Robinson, a handy man to have around when the higher officers of the club find it impossible to be at a meeting. Art did a fine job.

KEY CLICKS

According to ARRL bulletins the new regs don't go into effect until Dec. 20 th. So just keep ur keys in use on forty for a while boys.



### KEY CLICKS CONT'D.

"Smokey Joe" W5GOX down in ole Alabam says the gang there is all primed to resume hostilities agin the SLAKC and take our cup away from us. Joe thinks the contest will be similar to the one we had last year, but as yet has not had official confirmation from the contest committee, but we do know the contest will start Oct. 1st. so get ur rigs oiled up boys. We intend to have another gud contest ~~will start~~ and hope all you fellows will be in it. We will have another gud contest with plenty of nice prizes to the entries. WATCH for future dope.

Bob Haas W9CLO was in town over the week end on his way to Kansas City to work for Midland Continent Airways. Bob finished his schooling at Kansas City and was hired by Penn. Central Airlines in Pittsburg as airline opr. From there Bob went to Cleveland then back to Pittsburg, then to Wash. D.C. Bob seems to like his work but says the work gets to be a nervous strain at times with heavy CRM and business is heavy. All of his operating has been fone but Bob hopes to get back on 40 CW. with the Pa. Central outfit. W9CLO got his telephone 1st class telegraphy 2nd class and class A and is using a Stancor 20 watt kit at present

This Reporter had the pleasure of meeting Mr. Jones W9PWB formerly W4HBK (by telephone) who works for Eastern Airlines at the Municipal Airport here. W9PWB is from Fla. and would like to meet the gang here. He also said there were about four other ham operators here working for CAA. We certainly hope you make our club meeting friend and meet the gang in person. By the way W9PWB has a flock of equipment if anyone is interested in buying such as spare tubes RK20, 210 etc meters, thermo couple ammeter, modulation equipment, and several xtals. Mr. Jones is now on 40 meters with a 6F6-6V6-813 final.

# CASTRUP

1014 W. Franklin st.

FOR THAT NEW HOWARD RECEIVER FOR IN YOUR HAM SHACK OR IN YOUR HOME, ALL HAM PARTS, USED RADIOS OR GOOD REPAIR SERVICE SEE

PAUL

AT CASTRUP'S RADIO SERVICE

ON THE WEST SIDE.

# WESCO

9 th. and Main St.s

FOR THAT ELISSNER SIGNAL SHIFTER, UTAH KIT, RECEIVERS, MONITORS  
HALLICRAFTERS SIGNAL STANDARD AND TAYLOR TUBES ALSO FM RECEIVERS  
SEE

EARL

AT WESCO RADIO PARTS.

9 TH. and Main.





27.85

Mac. Mc Guyer

2004 5th Ave

City.





# QIRZ

VOL. 2 NO. 10.

PUBLISHED MONTHLY

OCTOBER 1941.

EDITOR W9YFL with W9QLW-W9LHU-W9DGA.

The SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday October 1, 1941. The place--The National Youth Administration Building at 110 Wabash, One block south of Franklin St.

At our next meeting we will have refreshments and a general Bull-Session.

## KNOW YOUR HAMS.

INTRODUCING MR. ART ROBERTSON, COMMERCIAL OPERATOR, EVANSVILLE, INDIANA.

Due to the unexpected departure of the Sec-Treas. of our club, we are going to give his biography in this issue. Art Robertson left town last Saturday for Bloomington, Ind., where he will hold the job of Jr. Radio Engineer for R.C.A. Mfg. Co. Though not a licensed ham, Art holds a first class radio telephone license and has hopes of getting his ham ticket soon.

Art attended Indiana University for seven years in getting his A.B. degree and then ~~he was~~ his Masters Degree in Physics. He was started on his Ph. D when he got married, then when his money ran short, he dropped out of school and got a job. His first radio job was as a serviceman at Columbus, Ind. and from there he came to Evansville to work in the research dept. at Sunbeam Elec. Co.

Soon after Art graduated with his Masters degree, he dropped into a library and saw a diagram of a one tube BCL receiver. One of his buddies a ham told him never to start in radio, or the bug would really bite hard. However Art paid no attention and built it anyhow and by golly it worked.---(When he took the grid leak out H1.0 Then he advanced to the larger sets. One day a neighbor approached him and asked Art if he repaired radios, surprised, Art said "Nope, I just build em, but this feller said if you can build em you can fix em, so Art started out with his screwdriver and soldering iron. Luckily it was just a blown filter, says Art.

With confidence and a perfect record, Art set about to be a radio serviceman. So add to his equipment of the screwdriver and soldering iron, he built a tube checker and bought a Supreme signal generator. One story he tells concerns a set in which the phase inverter would oscillate. In desperation he took a resistor and loaded the output tube to the point where the phase inverter stopped oscillating, hurried the receiver back to the owner and hoped for the best. Numerous other stories were told but this was really the best. By the way, Art sports a Phi Beta Kappa key which is very proud of and which he should be, because it is given only to those who represent the upper 10% of the graduating class. When Art does get his license, he plans to use a pair of 6L6's in the final on 40 CW. Art is 27 years old, 5 ft. 10 1/2 in. tall is married and has two daughters.

over.



Well Art we sure will miss you at all the club meetings and know all the club members and other fellows will also. We want to wish you the best luck and success at your new job and hope that even though we may not see you in person for maybe some time, that you will get that ham ticket and we can talk to you in the best way in the world. Thanks a lot for everything hope cu agn sn, 73's and best luck. W9EHU and the gang.

### LOCAL NEWS.

W9GFO--Beb is on 40 CW agn. etc etc.  
 W9HGU--Jerry has a new bldg for his service shop-really a neat layout.  
 W9ERN--John inactive lately due to school.  
 W9YHH--Max is working as an electrician at Scott field. Really a fb job and pullin down the cash.  
 W9AXV--Neal is on 40 cw agn fer code practice.  
 W9BVS--Shell has a jr. op. 5 lb 11 oz. Shell sez he looks like a Chink. Mebbe an xu or sumpin. Congrats my fran.  
 W9CGG--Saw Harry's V8 in the garage less motor. Termites.  
 W9CXO--Piggy trying to increase code speed on 40 dw yet.  
 W9DGA--Mac got his class A ticket and been on 20 fone. Doin pretty good too.  
 W9DDG--Sprig has a new sig spo tter we hear also getting a motor rewound for a 115 volt generator.  
 W9EHU--Inactive due to college studies except on week ends.  
 W9JUJ--A new Sx 24 is in the order for B ill.  
 W9KVE--Lefty becoming more active on 75 fone lately.  
 W9LDR--Also partially shut down for school.  
 W9LDV--Andy is a bridegroom--Congrats and best wishes.  
 W9UMS--Al back on 10 fone after FCC sez no 40 fone till Dec. 20.  
 W9QLW--Carty is new emergency coordinator for local distract. More congrats.  
 W9ULA--You might drop in at a meeting or pay your dues bub. Anyhow we'd like to see your hi.  
 W9YFL--WHIFFAL has a half wave 40 Meter Zepp and is ready for the contest which will be the first he has entered.  
 W9EZM--Frank pounding brass on 40 cw and really wrkg everything with that 35T and O.C.F Hertz.  
 W9MML--Saw willard buzzing around on a cop motorcycle T'other day. Be gud to the hams in a hurry Willard  
 W9GZB--Mortys mast came down with the wind.

### KEY CLICKS.

We thank Capt. Mc Connell (W9HBS) of the Evansville Police Radio Dept. for his talk and demonstration at our last meeting. MAC stressed the need of cooperation and training on the part of hams in case of emergencies, he also gave a demonstration of a 1 watt portable xmitter-receiver now being used by the police and fire dept's. With the xmitter setting on the table inside the N.Y.A. Bldg. Mac raised the police radio station uptown with an average sig rept.

There were 17 present at the meeting 13 members and 4 visitors, Zeke Jones W9PWB, Mc Connell W9HBS, and Mr. Schrodt ~~W9ETx of XXXXXXXX~~ Zeke Jones W9PWB Eastern Airways radio operator applied for club membership to the SIARC.



W9DGA, ehv and qlw visited Meissners plant in mt Carmel and had the pleas. of meeting W9KMI W9AMZ and W9ANG in person and oh. yea Mr. Atkins W9TJ also. The three Muskateers dropped in on W9GWL in Griffin. Boys if u ever drop in on Russ around meal time bring ur own lunch cuz he aint putting out besides he is saving his pennies for a motor to drive a 20 meter beam.

The equipment at the East Airlines radio room is a nice layout. 6C5 pierce osc. 6F6 untuned buffer 8L3 final with 150 watts. Five fixed xtl freq. receivers for five different airline channels and a No 10Lx tuneable receiver. Four off center fed Hertz and one end fed Hertz ant. X

Bill Elmendorf wants to seal his s20 receiver.

Van Sickle of Indianapolis donated a Astatic Mike for our operating contest prizes. Meissner gave a \$10.00 credit slip to be used on any of the following equipt. Sig shifter, sig booster, sig. calibrator, and 5-10 meter converter. These donations plus local contributions and the clubs prize we will have ten suitable prizes for the contestants.

# WESCO

9 th. and Main Sts.

FOR THAT MEISSNER SIGNAL SHIFTER, UTAH KIT, RECEIVERS, MONITORS  
HALLICRAFTERS SIGNAL STANDARD AND TAYLOR TUBES, ALSO F.M. RECVRs.

SEE

EARL

AT WESCO RADIO PARTS.

9 th. and Main.

# CASTRUP

1014 W. Franklin St.

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ALL HAM PARTS, USED RADIOS OR GOOD REPAIR SERVICE SEE

PAUL

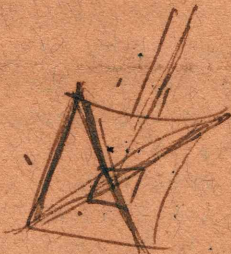
AT CASTRUP'S RADIO SERVICE

ON THE WEST SIDE.





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# QIRZ

VOL. 2 NO. 11.

PUBLISHED MONTHLY

NOVEMBER 1941

EDITOR W9YFL with W9QLW, W9WNU, W9DGA

THE SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday November 5, 1941. The place—The National Youth Administration Building at 110 Wabash, One block south of Franklin St.

W9AIN Fay Gehres, station engineer WGBF, has promised to give a talk for the club this coming meeting. His subject "Field Strength Measurements".

We urge all members to attend as we will have a group picture taken of all members attending. Individual photos will be more than likely available for those desiring same. We wud like to have this club group picture with a write up to go to QST.

We had 12 members present and 2 visitors, in fact the two visitors Zeke Jones W9FWB, and Louis Hartig with Bob Edmond applied for membership into the club. A general bull session prevailed with our honored President W9BVS Shell Lloyd finally being present and presiding.

## KNOW YOUR HAMS.

INTRODUCING MR. EARL CARTWRIGHT, W9QLW, of Evansville, Indiana.

Born in Union County, Ky. in 1910, Earl is from "over Home". At an early age he moved with his passport to Indiana where he attended Stanley Hall School and then dear ole Bossee High School. Being an athlete at heart, Earl (Carty) was somewhat of a star in baseball, football, and basketball. He has his name hanging in the hall at Bossee in several places. Soon after graduation from high school he went east to attend Pennsylvania U. However he didn't stay in school long and returned to Evansville and got married. He worked for Servel Inc. for about 12 years before accepting his present position as Radio Instructor for the N.Y.A. In 1935 interest in radio started and soon he joined the National Guard in the Headquarters Co. In 1937 he took class "C" exam from W9LDV and received the ticket and call W9QLW. The first operation of W9QLW was at Fort Knox on a National Guard summer maneuver on 80 CW with a small rig. He returned home and built up a 6L6-TZ 80 rig and operated again on 80. Soon he added a TZ40 and put the transmitter on 40. The Antenna usually has been an off center fed Hertz. Twenty was used sparingly. First DX used was a K5, then CM, and K6 was worked. WAS certificate was received in 1940 with most contacts being on 40 CW. In early 1941 he got a new Utah rig that uses a 6C5 pierce, 6L6, HY 61 that has separate RF sections for low and high frequencies. He had some trouble with the modulator but has the difficulties ironed out now. Last May, he took a job as N.Y.A. as radio instructor. In this position, his first job



was the building of a Taylor 250 watt xmtr. with PP TZ 40 final. A 41 eco is used on 75 mtr. fone, where all skeds for the N.Y.A. are held. This transmitter can be used on all bands from and including 5 to 160 meters. It is licensed under W9PWY the club call and therefore is the club transmitter. Recently Carty was appointed emergency Coordinator of the local district and has already given notice that he is going to be active. Plans are being drawn up for a portable emergency rig for the club. Carty has the official title of (1) Trustee for the club transmitter, (2) E.C. for local emergency district, (3) N.Y.A. Radio instructor (4) and present activities manager of the club. Carty is married, 31 years old, has two YL jr ops. is 6 ft. tall and weighs 155 lbs.

Tnx to W9EHU, Benny fer the dope on Carty.

---

LOCAL NEWS

W9RZM--Frank sold his entire rig, lock stock and barrel to a ham to be.

W9UNT--

W9GFO--are experimenting with 2 $\frac{1}{2}$  meters. A pr of 452s PP in a long line osc.

W9UMS--Al has a new SX 28 and a motor driven 4 element beam. Al got class "A" too. You go big when u go, eh Al,

W9AXV--Neal has been conspicuous by his absence on the air. Tis said Neal has moved into W9GKA's home as he is over there so much. Cudn't be television,

W9BVS--Shell's been a very busy man in his new home but had time enuff to work 9 states in his contest group in one evening.

W9CCG--Working nites now. No ham activity!

W9CXO--Peggy has new eco on forty.

W9DGA--Mac has rebuildities again.. Same line up-new arrangement.

W9DDH--Had visitors W9JUW-QLW and Bill Elmendorf.

W9HBS--Capt Roy Mc Connell was renominated for president of the Indiana Chapter Associated police communications officers, Congrats Mac.

W9HGJ--Jerry has a very fb looking new radio shop at Franklin and Wabash. Lots luck in ur new establishment Jerry. By way Jerry finally collected his money from W9QLW for a transformer long overdue, Hl. Jerry is hoping to find time for FM experiment on 5 meters in conjunction with W9UIA.

W9UIA--Who stole the lock on the hen house door ur better yet who hit Ralph on the head with a hammer, Ralph says a hammer fell off top of police xmtr rack door but we doubt that. Seems to me that ur xyl is a red head.

W9ERN--also rebuilding xmtr.

W9KVE--Lefty worked 2 states in contest but still isn't very active.

W9LDV--Talked to an old friend of Andy's t'other day he sez that he used to work Andy with his W8 call portable 9 in Ft. Wayne while goin to college. Name wuz Russ but ferget the call. QUA at present was Bristol Va.

W9EHU--Going on a college Sociology trip to Chicago over weekend of 7,8 and 9 of Nov. Plans on taking in some hams there.

W9YJH--Max on 75 fone from East St. Louis Ill. with 200 watt rig. Max now works for Ordinance Co. near E. St. Louis.

W9TTG--Ernie holds skeds with KUE on 75 fone.

W9BLF--Building eco for 5 meters.

W9GFS--Heard Phils been under wx lately.

W9MWM--Willard is now a motorcycle policeman now. Well, Well, Guess he wont dome in handy.

---



KEY CLICKS

What local hams had modulated eco's in their cars working on the broadcast band. Seems to me a word to the wise is sufficient. Our play days over boys.

Johnny Luck is the new club Secretary-Treasures elected at last meeting taking Art Robertson place.

Overheard at the last meeting from a non ham member. Wat are we getting out of our two bits dues. All given in fun ( I hope ) But there is food for thought in the remark. What activities or interests do we have for these hams to be's, Might be a good idia of club officers to consider this angle.

There will definately be a automatic code machine set up for those desiring c code practice before meetings if enough fellows show interest in the plan. 15 tapes are available at speeds of 4 to 60 wpm.

Unofficial reports gives the following number states wrkd by the gang in our contest

W9BVS-9-W9UMS-7--W9MHU-6--W9PWB-4--W9GFO-3--W9MWM-3--W9QLW-3--W9KVL-2--W9DGA-1--W9YFL-1--W9UIA-1-- but remember receipt of qsl cards can alter the standings as they are listed now.

W9UIA worked his one state on five meters. A ham from Ills. dropped in on Ralph with a 40 watt mobile unit and obligingly ran over to ky. to give Ralph a 5 meter r qso and one state in contest.

W9PWY has rebuilt the radio room and now has a nice shack for the club rig Quite a few of bugs has been eliminated from the rig. an addition of a small work bench, book case, and new operating table coupled with a new rubbyoid floor covering has given the gang a nice looking shack. We most sincerely invite any member or hams in to see and work the rig altho we suggest that you see Carty W9QLW for most convenient time for visiting.

Vic Chamberlain dropped in from Centralia tother day, Hi ya Vic. Vic is studying for Band A ticket. Give us a look see next time Vic.

W9GFO B ob worked Wash. D.C. with his eco hooked to antenna wid abt. 2 watts Dont forget the sweep stakes contest Nov. 8-10 and 15-17 th.

# CASTRO

1014 W. Franklin St.

FOR THAT NEW HOWARD RECEIVER IN YOUR HAM SHACK OR IN YOUR HOME. ALL HAM PARTS, USED RADIOS OR GOOD REPAIR SERVICE SEE

PAUL

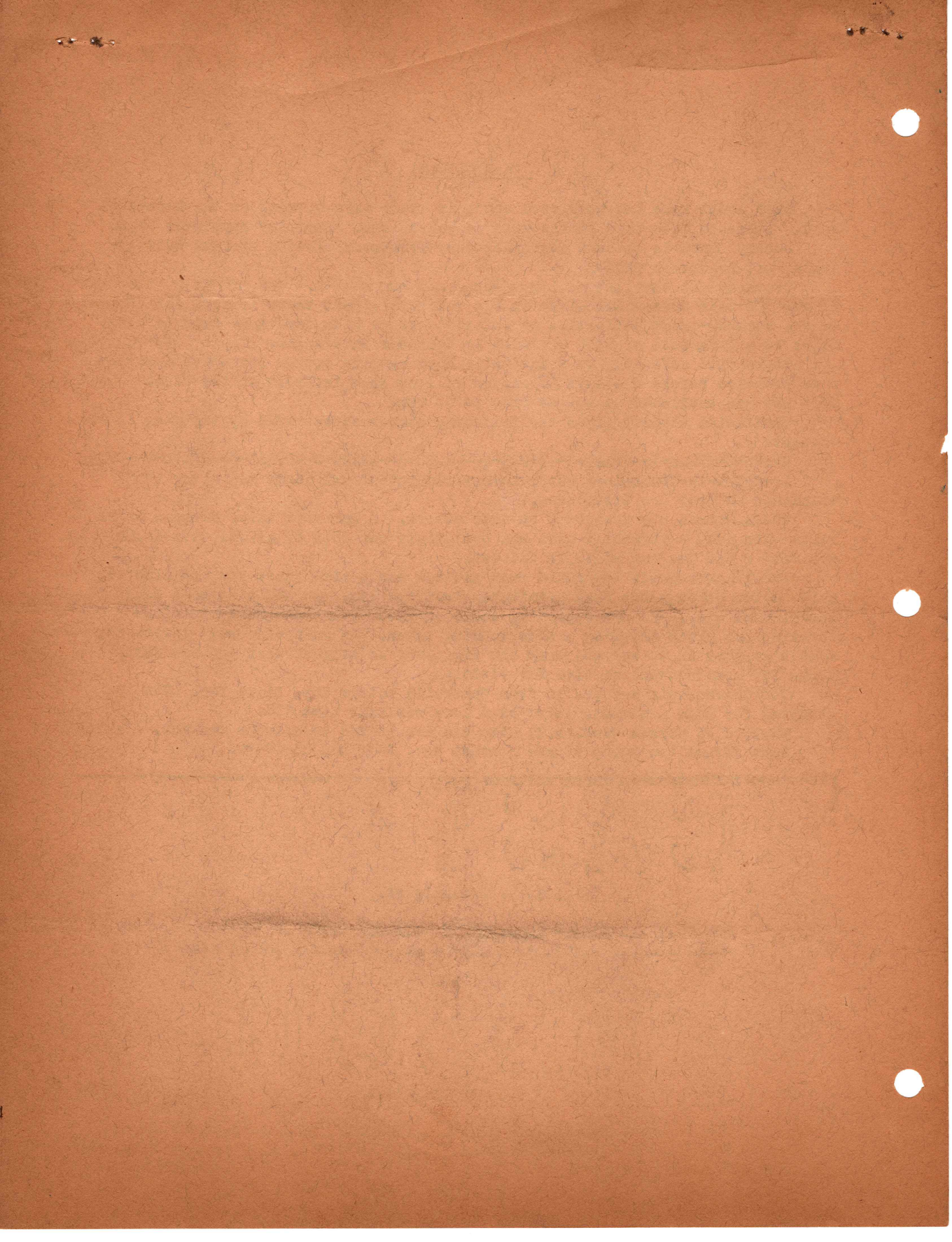
# WISCO

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HALLICRAFTERS SIGNAL STANDARD AND TAYLOR TUBES, ALSO F.M. RECVRs.  
SEE

EARL







# QIRZ

VOLUME 2 NUMBER 12

PUBLISHED MONTHLY

December 1941.

Editor W9YFL with W9QLW-W9EHU-W9DGA,

The SOUTHERN INDIANA AMATEUR RADIO CLUB will hold its next meeting Wednesday Dec. 3 rd, at the National Youth Administration Bldg. at 110 Wabash. One block south of Franklin St.

The Commanding Officer of the Indianapolis Region of the U. S. Naval Reserve will be the club guest speaker. The topic will concern the field open to Radio operators in the service and the opportunities at the present time available to men of experience in Radio, to attend an ultra Hi-Freq. school at Norton, Conn.

## KNOW YOUR HAMS.

Introducing Mr. Jerry Craig, W9HJJ, who is the man who consented to the interview for this issue of the paper. Jerry's interest in Radio started in 1932 at the age of 16, when he began building crystal sets. Soon he advanced to super het receivers and the first receiver he had that performed f.b. was one with plug in coils for all bands. The best receiver he built was the single signal super that is designed in the ARRL Hand Book. The first interest in ham radio started just before the flood in 1936, and he received his ham ticket in 1938. The rig used was a 6L6 Osc. into a TZ 20 on 160 fone and 80 cw. and used a skybuddy receiver. The antenna was a vee beam that was used on all bands down to 10 and 5, later he built up a 6L6 tritet, 6L6 doubler and TZ 40 final that is used entirely on ten and five fone modulated by PP 6L6s class AB. He uses an RME 9 D receiver with a home built converter and a 4 element close spaced rotary on ten and a 5 element rotary on five. Jerry was too late to get any of the European dx., but has managed to work such stations as K6 at Canton Island, and CL 2 in Chile.

Operation for the past 6 months has been on five meter fone entirely and has worked no dx by skip but can work consistently as far as Terre Haute, W9ZHL, Robinson, Ills., W9CNJ, and Marshall, Ill., W9BML on the ground wave. He changed his place of business about three months ago and has been quite busy at the service shop, which by the way, is a very neat looking building at 1924 W. Franklin St. and has been off the air for some time. Jerry has been in the service business for five years and says for the hams to drop ~~and talk~~ in and talk some time, when they have a chance. Jerry is 26 years old, is married and has three jr. ops., one boy and two girls and says they are three prospective hams. He lives on tupman road near Boehne Hospital. Jerry we sure appreciate your very fine cooperation, when we gave you absolutely no warning. We sure have enjoyed the chat and will hope to see you on 2½ meters 73's, Ben W9EHU.



There wer 16 members present at the last meeting. Mr. Ray Gehres, station eng. at WGBF gave a very interesting talk on "Field Strength measurements" The pattern of WGBF's radiating antenna resembles a three leaf clover with the null points being in N. West, N. East, and Southern direction to eliminate strong radiation in those directions from enterfering with stations in Minneapolis, New Orleans and N.Y. State using the same freq. at the same hours as WGBF.

Measurements are taken by a compact unit housing a receiver with meter reading of sig strength. The receiver has four bands with plug in coils and a loop antenna for each band. Receiver is powered by a Vibra pack. Meter in the receiver besides giving sig. strength reading in microvolts, also reads filament volt. and vibrapack output. Measurements are taken to determine the efficiency of radiating antenna, and gives the station a true picture of actual dependable coverage of the tri-state which is of interest to radio time buying, sponserers or advertisers.

By checking sigl strength of antenna against a chart of determined sig. strength rating at different points in the tri-state the pattern is kept in its proper shape as prescribed by the FCC. Measurements are taken ever 1/10 mile the first 5 miles and each  $\frac{1}{4}$  mile from 5 to 10 miles out, all reading taken at least 100 ft. from any wiring or objects of interference. At 500 watts 75 microvolts at one mile and at 1000 watts 175 microvolts at one mile. The station is supposed to radiate 25 milevolts sig. strength in the city served by the station.

#### LOCAL NEWS

- W9CCG---Harry has 40 meter portable rig under way, vibropack powered.
- W9CLO---Bob was in town again. Has 20 watt rig for twenty in making. Intenas to work Lville from Kansas City. has class "A" 2nd telegraph, 1st fone.
- W9DGA---Has rebuildites again. A 6SK7-eco, 6L6--TZ20--TZ 40 in a new rack.
- W9DDH---Well, Well, Sprig made a club meeting at last. Lets keep it up boy.
- W9LRN---Rebuilding rig for gang tuning in 3 stage exciter driving the T40 final.
- W9LHU---Planning to get on  $2\frac{1}{2}$  meters.
- W9GFO---Working 40 cw. and has receiver and xmitter for  $2\frac{1}{2}$ .
- W9GAA---Has moved to new QRA but haven't hear him on the air yet.
- W9GJN---Talked to bill the other day and he expects to be on 40 quite consistently until xmas vacation when he returns to W.U.
- W9JUJ---Bill on 20 cw. again but don't know how he is doin.
- W9LW---Trying get the Utah xmtr on 160. W9LHU tried to hear him for half hour the other nite and can't even hear in.
- W9UIA---Ralphs very interested in FM and Hi Freq's.
- W9ULS---Al is back on 10 fone after giving 40 cw. a go.
- W9UNT---Moved to Mt. Vernon and hopes to get on 5 fone.

#### KEY CHICKS

W9GAA is now located in his new home of which a portion is of special dâsign for the location of the station and Electronic Laboratories. The prime purpose of the laboratory is to provide means for carrying out extensive research work in radio and television. It is believed that the arrangement, equipment and facilities of this laboratory makes it the only one of its kind in this vicinity. The room provided is 14 by 36 ft. and will be arranged with the transmitter at one end where the feed-thru insulators were provided in the construction. This is followed by reading room and library. The balance of the space is to be taken



up by the laboratory. Whats is in the laboratory? The bench upon which the work will be conducted is 4 ft. wide, 7 ft. long, has a hard wood top with every convenience such as outlets, master control switch, pilot light etc. The instruments are to be mounted on a ledge in the center and can be worked from either side. Two other benches accomodate the balance of instruments etc. The testing equipment consists of signal generator with a range of 200 kc. to 105000 kc. voltmeters, current meters, tube tester, R30A Junior voltohmyst, capacitor and inductance measurements, Q measurements, resistance, audio and AC bridges, phone meter, oscillograph with six inch screen having all the necessary assorted circuits such as sweep, freq. modulator, square wave generator etc. There are to be built-in cabinets for parts and built in book case. The lighting is made by flourescent. With the exception of three of the instruments the entire layout is designed and constructed by W9AXV AND W9GKA. They have advised the QRZ reporter that they would submit a description of the work carried on each month for the QRZ if they wish to call for it.

The club wishes to extend their deepest sympathies to Mr. and Mrs Shell due to the recent loss of their son Shelaon Ray.

The club picture taken last meeting is now available to any one desiring one for 25 cents--its gud too--.

Had nice letter from Gus Haas in Naval Hospital at San Diego. Gus is in charge of radio room with two helpers to maintain 650 radio headfone sets and monitor a central control radio that supplies them. Heard W9GZB on 20 fone Gus wud be gld to hear from any of the gang. Address G. A. Haas Ward O-3 Naval Hospital San Diego, Calif.

W9ERN wants to by a 6.3 volt at 5 volt filament transformer.

W9PWB Zeke Jones has entire xmitter for sale using RK 20-210-300, A 1200 V 200 ma. power supply 150 V. bias supply. A 600 Volt 200 ma. power supply 1200 V each side center tap transformer various meters, resistors, chokes, condensers, and receiving tubes. 1500 v oil electrolytics. Six 80 meter xtls, two forty meter xtls. Contact Zeke at meetings or drop card to Box 48 RFD 5.

Several club members are attending the Purdue U sponsord Radio Class at WGBF, W9ERN, DGA, EHU, YPF and QLW.

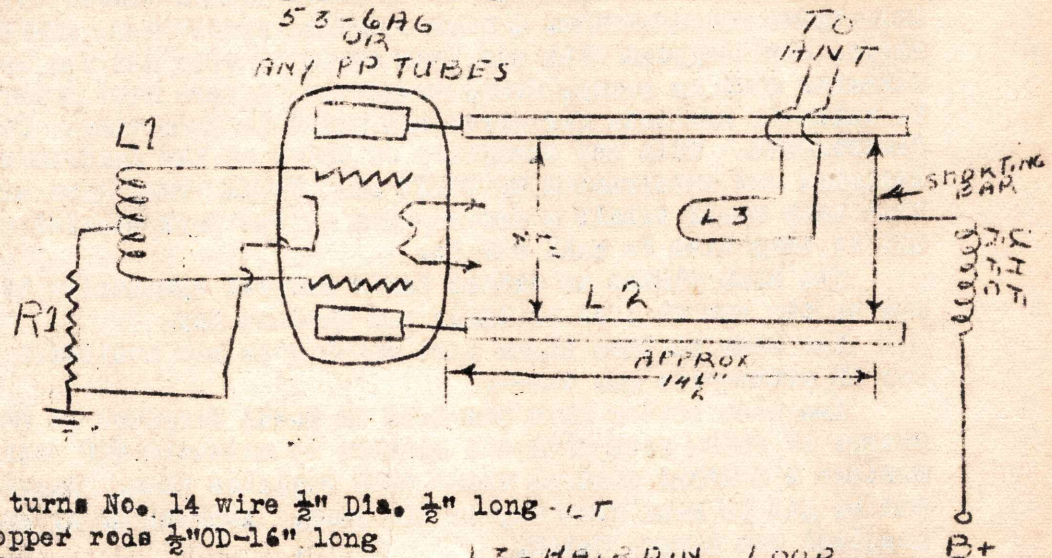
Unofficial return of local contest winners are as follows. Hope to have prizes available for presentation soon.

W9BVB	wrkd 9	states	got 5	qsls	points 165
W9UMC	wrkd 7	states	got 3	qsls	poi nts 160
W9LFC	wrkd 6	states	got 3	qsls	points 105
W9EAL	wrkd 4	STATES	got 4	QSLs	points 100
W9QAN	wrkd 3	states	got 3	qsls	points 75
W9MWA	wrkd 3	states	got 2	qsls	points 60
W9GFC	wrkd 3	states	got 0	qsls	points 30
W9DGA	wrkd 1	state	got 1	qsl	points 25
W9KVE	wrkd 2	states	got 0	qsls	points 20
W9YFL	wrkd 1	state	got 0	qsls	points 10
W9UIA	wrkd 1	state	got 0	qsls	points 10

Fellows please send in dope we sure could use it and plenty more.



Fella's the Diagram below is that of a  $2\frac{1}{2}$  meter oscillator. It will run about 15 watts input and with a good antenna will work very well across town. Several of the club members are planning to get on this UHF band to form a net that may be used for Civilian Defence if necessary. If other particulars are desirable, give W9DGA or W9EHJ a ring on the telephone. A receiver will follow in the next issue.



#### Legend

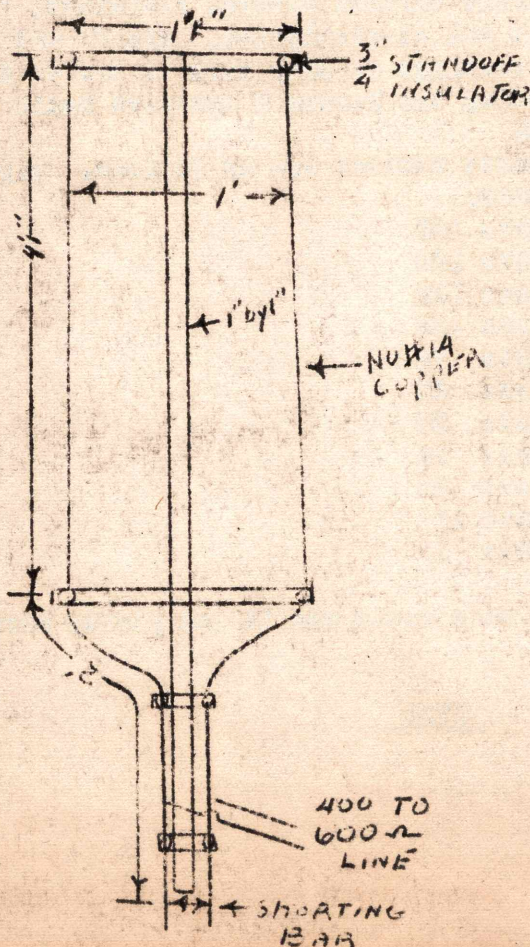
L 1- 4 turns No. 14 wire  $\frac{1}{2}$ " Dia.  $\frac{1}{2}$ " long - CT

L 2- copper rods  $\frac{1}{2}$ " OD-16" long

R 1- 1000 Ohm 1 watt resistor

L3- HAIRPIN LOOP  
2" LONG, 1" WIDE

MAKE ALL LEADS AS SHORT AS POSSIBLE



This antenna has a very good gain over any dipole and has the advantage of being bi directional. The frame is made of 1" by 1", the tall one being 6' or more long and the cross pieces being  $\frac{1}{2}$  1'2" long. The two pieces of No. 12 wire are spaced 1' for the first half way and then taper to the shorting bar which tunes the matching section. The feeder taps must be found by experimenting. The antenna should be insulated from the frame by standoff insulators and fed with a line with 2" spacers.



QIRZ

## SPECIAL EDITION

We take it for granted that all hams know the F.C.C. regulations that have temporarily suspended ham operation until further notice. We suggest that you monitor WIAW for any further information. As they stated leave your antenna up and do not dismantle your rigs.

We have received information from Mr. Mc Connel W9HBS, in charge of police radio, that in the near future all amateurs in Evansville and Vanderburg County will be expected to register at the police dept. Information desired will be name, address, call, transmitter line up, transmitting frequencies and type of services available.

As you know amateur operation will be permissible if necessary and so desired by state or local authorities. Those amateurs to be designated by the proper authority only. There is a possibility that a few stations may be asked to cooperate with the local authorities in this respect.

We ask the cooperation of all local hams in any task that may arise.

E. Cartwright, W9QLW, W9PWY  
Emergency Coordinator,  
Evansville, Indiana,  
S.I.A.R.C.

12-8-41



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